## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6288410").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/19 08:53
L12	2	("6593602").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/19 09:03
L13	3	("4821277"   "4901123"   "4958355").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 09:03
L14	10	("3565702"   "3753801"   "4251780"   "4323856"   "4432091"   "4789881"   "4793679"   "4821276"   "4821277").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 09:04
L15	3	("4821277"   "4901123"   "4958355").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 09:05
S1	0	external resonator semicoductor laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/02/13 13:31
S2	997	external resonator semiconductor laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/02/13 13:32
S3	3	S2 and suzuki-tetsuya.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:32
S4	10	S2 and (super luminescent diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/02/13 13:37

S5	190	(372/45.012).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:43
S6	1	S5 and (super luminescent diode)	USPAT	ADJ	OFF	2009/02/13 13:43
<b>S</b> 7	1125	(super luminescent diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/02/13 13:48
S8	420	(super luminescent diode)	USPAT	ADJ	OFF	2009/02/13 13:48
S9	367	S8 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:49
S10	140	(372/45.012).CCLS.	USPAT	OR	OFF	2009/02/13 13:51
S11	6	US-20020024052-\$.DID. OR US-6288410-\$.DID. OR JP-200276432-\$.DID. OR JP-200495838-\$.DID. OR JP-200068553-\$.DID. OR JP-2002368342-\$. DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:57
S12	111	US-20020024052-\$.DID. OR US-6288410-\$.DID. OR JP-2002076432-\$. DID. OR JP-2004095838- \$.DID. OR JP- 2000068553-\$.DID. OR JP-2002368342-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 14:02
S13	2	JP-2004179428-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 14:08
S14	11	S2 and ((super luminescent diode) or (superluminescent diode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/02/13 14:09

S15	10	S14 not S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/02/13 14:09
S16	7	JP-57109387-\$.DID. OR JP-05226789-\$.DID. OR JP-05175598-\$.DID. OR JP-01179488-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 14:18
S17	190	(372/45.012).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/17 10:08
S18	140	(372/45.012).CCLS.	USPAT	OR	OFF	2009/02/17 10:08
S19	140	S18 and S17	USPAT	ADJ	OFF	2009/02/17 10:08
S20	91	(257/E33.054).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/17 10:10
S21	2	S20 and S17	USPAT	ADJ	OFF	2009/02/17 10:10
S22	190	(372/45.012).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/17 10:14
S23	998	external resonator semiconductor laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/02/17
S24	11	S23 and ((super luminescent diode) or (superluminescent diode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	ADJ	OFF	2009/02/17 11:44

<b>S</b> 25	61	(super luminescent diode) and ingaas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/02/17 11:49
S26	1579	strain\$3 with ingaas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/02/17 11:54
S27	128	S26 same diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/02/17 11:55
S28	23	yagi.in. and ingaas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/17 14:48
S29	2	yagi-katsumi.in. and ingaas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/17
S30	2	jp-04337686-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/18 09:58
S31	3	("4894836"   "4974231"   "5146466").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 10:25
S32	7	("5263040").URPN.	USPAT	OR	OFF	2009/02/18 10:27
S33	2	("5212704").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/18 12:31
S34	1	("4881235").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 12:31
<b>S</b> 35	12	("5212704").URPN.	USPAT	OR	OFF	2009/02/18 12:32

S36	10	fujiwara-masahiko.in. and mqw	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/18 13:08
S37	17	umeo-itsuo.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/18 13:13
S38	4	("4634928"   "4718070"   "4730331"   "4799229"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 13:44
<b>S</b> 39	19	("4901123").URPN.	USPAT	OR	OFF	2009/02/18 13:44
S40	19	US-20090000429-\$.DID. OR US-6227028-\$.DID. OR US-4717190-\$.DID. OR US-3677057-\$.DID. OR US-3677057-\$.DID. OR US-3581535-\$.DID. OR US-4187748-\$.DID. OR US-4176647-\$.DID. OR US-4469346-\$.DID. OR US-4469346-\$.DID. OR US-4469345-\$.DID. OR US-4712017-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/18 14:16

## 2/19/2009 10:07:52 AM

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